

# Oracle® Communications Network Integrity

## Release Notes

Release 8.0

G34172-01

October 2025

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## Release Notes

This document provides information about Oracle Communications Network Integrity Release 8.0.

This document consists of the following sections:

- [Software Compatibility](#)
- [Network Integrity 8.0 New Features](#)
- [Fixed and Known Issues](#)

See *Oracle Communications Service Catalog and Design Release Notes* for the release notes for the Design Studio for Network Integrity feature.

See *Network Integrity Licensing Information User Manual* for license and dependency information for Network Integrity components and cartridges.

## Software Compatibility

See *Network Integrity Compatibility Matrix* for more information about software requirements and compatibility.

## Network Integrity 8.0 New Features

Network Integrity 8.0 includes the following new features and enhancements:

- [Support for RESTCONF-Based Network Discovery](#)
- [Support for NETCONF-Based Network Discovery](#)
- [Support for Multi-Domain Circuit Stitching](#)
- [Enhancement of MIB-II SNMP Cartridge to Discover Various Routing Protocol Information](#)

## Support for RESTCONF-Based Network Discovery

Network Integrity 8.0 introduces a new discovery cartridge that uses RESTCONF protocol to discover network nodes, equipment, ports, interfaces, and topology. This

cartridge produces logical and physical device hierarchies for the discovered devices, and also detects discrepancies and reconciles them into the inventory (UIM).

See *Network Integrity RESTCONF-Driven Network Discovery and UIM Integration Cartridge Guide* for more information.

## Support for NETCONF-Based Network Discovery

Network Integrity 8.0 introduces a new solution discovery cartridge that uses the NETCONF protocol to discover network nodes, equipment, slots, ports, interfaces, and topology in your network. This cartridge produces logical and physical device hierarchies for the discovered devices. It also detects discrepancies and reconciles them into the inventory (UIM).

See *Network Integrity NETCONF-Driven Network Discovery and UIM Integration Cartridge Guide* for more information.

## Support for Multi-Domain Circuit Stitching

Network Integrity 8.0 introduces circuit stitching across SDH, DWDM, and IP/MPLS domains through CORBA and SNMP-based discovery. It discovers and imports topological links within and between network domains, capturing endpoint and interface details from protocols such as LLDP, BGP, and OSPF. It identifies discrepancies and reconciles them into the inventory (UIM).

This cartridge also uses the TMF814 CORBA interface as a discovery protocol to connect and retrieve details from SDH and DWDM network domains; it is used to map networks by identifying devices in the network and the topological links between them.

See *Network Integrity Multi-Domain Circuit Topology Stitching Cartridge Guide* for more information.

## Enhancement of MIB-II SNMP Cartridge to Discover Various Routing Protocol Information

Network Integrity now supports MIB-II SNMP cartridge to collect LLDP, Static routing BGP, and OSPF routing protocol information from discovered network routers. It captures information for each router, including device, chassis, card, port, and interface details. It discovers Layer 2 and Layer 3 VPN parameters and reconciles all discovered details into the inventory (UIM).

See "About Cartridge Modeling" in *Network Integrity MIB-II SNMP Cartridge Guide* for more information.

## Fixed and Known Issues

This section provides you with details on fixed and known issues.

### Fixed Issues in Network Integrity 8.0

[Table 1-1](#) lists and describes the fixed issues in Network Integrity 8.0 release.

**Table 1-1 Fixed Issues in Network Integrity 8.0**

Bug Number	Issue	Resolution
37442104	Scans are not triggering according to schedule	Fixed code to have blackout schedule only on the scan configuration instead of having schedule on all the scan instances.
38251358	SNMP Ping based on a flag	Added a configurable property to enable or disable ping function for SNMP discovery scans.
38339603	SNMP Ping based on a flag takes 20 minutes to fail	Fixed code to fail the SNMP device discovery immediately if the device is not reachable.

## Deprecated and Removed Features

Oracle recommends that you review the following information about deprecated features and functions before using the Network Integrity 8.0 release:

**Table 1-2 New Deprecations**

Softwares/Tools	Description	Release Deprecated
AIX, HP-UX and Solaris Operating Systems	Oracle Communications Network Integrity support on AIX, HP-UX and Solaris operating systems is being deprecated starting with this release.	8.0
Java 8	Oracle Communications Network Integrity support on Java 8 is being deprecated starting with this release. Java 8 certification is replaced with Java 21 certification.	8.0
Adventnet 4.0.7	Commercial software Adventnet 4.0.7 is replaced with Open source software SNMP4J starting with this release.	8.0

## Documentation Accessibility

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## Oracle Communications Network Integrity Release Notes, Release 8.0

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